**Systemd Cheatsheet**

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| **Services** | | | | |
| **Common tasks** | **Systemd** | | **Legacy Redhat** | **Legacy Debian** |
| Start service | systemctl start httpd | | service httpd start | /etc/init.d/httpd start |
| Stop service | systemctl stop httpd | | service httpd stop | /etc/init.d/httpd stop |
| Restart service | systemctl restart httpd | | service httpd restart | /etc/init.d/httpd restart |
| Reload service config | systemctl reload httpd | | service httpd reload | /etc/init.d/httpd reload |
| Show service status | systemctl status httpd | | service httpd status | /etc/init.d/httpd status |
| Show all service status | systemctl list-units -t service --all | | service --status-all | NA |
| Start service on boot | systemctl enable httpd | | chkconfig httpd on | update-rc.d httpd enable |
| Disable service on boot | systemctl enable httpd | | chkconfig httpd off | update-rc.d httpd disable |
| Add to runlevel | systemctl enable httpd | | chkconfig httpd --level 3 | update-rc.d httpd enable 3 |
| Show all services | systemctl list-unit-files -t service | | chkconfig --list | rcconf --list |
| Show modified services | systemd-delta | | NA | |
| Show details of service | systemctl show httpd | | NA | |
| Block service | systemctl mask httpd | | NA | |
| Unblock service | systemctl unmask httpd | | NA | |
| Is service enabled | systemctl is-enabled httpd | | chkconfig --list | grep httpd | ls /etc/init.d/rc.d/rc3.d/S\* |
| **Runlevels/Targets** | | | | |
| **Common tasks** | **Systemd** | | **Legacy Redhat** | **Legacy Debian** |
| Change to runlevel | systemctl isolate basic.target | | init 3 | init 3 |
| Change to rescue mode | systemctl rescue | | init 1 | init 1 |
| Set default runlevel | systemctl set-default user.target | | vi /etc/inittab | vi /etc/inittab |
| Show current runlevel | systemctl list-units -t target | | runlevel | runlevel |
| Get default runlevel | systemctl get-default | | grep default /etc/inittab | grep default /etc/inittab |
| Poweroff system | systemctl poweroff | | shutdown -h now | |
| Halt system | systemctl halt | | NA | |
| Reboot system | systemctl reboot | | shutdown -r now | |
| **Miscellaneous** | | | | |
| Run systemd commands remotely | | systemctl --host user@host\_name command | | |
| Analyze boot performance | | systemd-analyze blame | | |